

# Specifications — DVI-RGB 100 Converter

## Video

Bit rate (pixel bandwidth) .....	5 gigabits/second total (1.6 gigabits/color)
Pixel data bit depth .....	24 bit
Control data bit depth .....	6 bit
Maximum resolutions .....	1280 x 1024 at 85 Hz, 1600 x 1200 at 60 Hz

## Video input

Number/signal type .....	1 DVI-D digital video
Connectors .....	1 DVI-D female (DVI input) 1 DVI-D female (DVI loop through)
Nominal level .....	0.7 Vp-p
Minimum/maximum levels .....	0.5 V to 1.0 Vp-p
Impedance .....	50 ohms
DC offset (max. allowable) .....	±0.5 V

## Video output

Number/signal type .....	1 RGBHV, RGBS, RGsB
Connectors .....	6 BNC female
Nominal level .....	0.7 Vp-p
Minimum/maximum levels .....	0.7 V to 1.4 Vp-p (continuously adjustable)
Impedance .....	75 ohms
Return loss .....	-35 dB @ 5 MHz
DC offset .....	±5 mV maximum with input at 0 offset

## Sync

Output type .....	RGBHV, RGBS, RGsB
Output level .....	TTL (5 Vp-p, unterminated)
Output impedance .....	75 ohms
Polarity .....	Positive or negative (follows input)

## General

Power .....	100 VAC to 240 VAC, 50/60 Hz, 25 watts, internal, autoswitchable.
Temperature/humidity .....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Rack mount .....	Yes, with optional rack shelf, part #60-190-01 or 60-604-01
Enclosure type .....	Metal
Enclosure dimensions .....	1.7" H x 8.7" W x 6.0" D (1U high, half rack wide) 4.3 cm H x 22.1 cm W x 15.2 cm D (Depth excludes connectors and knobs.)
Product weight .....	1.6 lbs (0.7 kg)
Shipping weight .....	4 lbs (2 kg)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE, FCC Class A, VCCI, AZ/NZS, ICES
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** All nominal levels are at ±10%.

**NOTE** Specifications are subject to change without notice.

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